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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/646,526 | |
| | Filing Date | August 22, 2003 | |
| | First Named Inventor | Hiroji HANAWA, et al. | |
| | Art Unit | 1763 | |
| | Examiner Name | Maureen G. Arancibia | |
| Total Number of Pages in This Submission | 4 | Attorney Docket Number | 006915 P08 |

| ENCLOSURES (Check all that apply) | | |
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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
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| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
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| | <input type="checkbox"/> Landscape Table on CD | |
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| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|---------------------------------|----------|--------|
| Firm Name | Law Office of Robert M. Wallace | | |
| Signature | | | |
| Printed name | Robert M. Wallace | | |
| Date | 11-10-2005 | Reg. No. | 29,119 |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| Signature | | | |
| Typed or printed name | Shelly Hart | Date | 11-11-2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I hereby certify that this paper and every paper referred to therein as being enclosed is deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

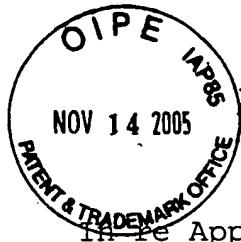
on NOVEMBER 11, 2005 (Date of Deposit)

11-11-05
Date

By [Signature]
Name

PATENT

Attorney Docket No. 006915 P08
RW Ref. No. APM/001-02-CP1-1-8



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of
Kenneth COLLINS, et al.

Entitled: PLASMA IMMERSION ION
IMPLANTATION SYSTEM INCLUDING A
CAPACITIVELY COUPLED PLASMA SOURCE
HAVING LOW DISSOCIATION AND LOW
MINIMUM PLASMA VOLTAGE

Serial No.: 10/646,526

Filing Date: August 22, 2003

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)
) Group Art Unit: 1763
)
) Examiner: Maureen G.
) Arancibia
)
)
)
)

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(c) PRIOR TO
FINAL ACTION AND WITHIN THREE MONTHS OF RECEIVING FOREIGN PATENT
OFFICE COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication (a copy of which is attached) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56 and the Manual of Patent Examining Procedures Section 707.5(b). If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each foreign patent document and/or non-patent literature is enclosed. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

Respectfully submitted,



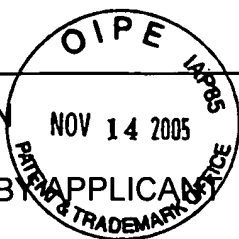
Date: 11/10/2005

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**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1



Application Number: 10/646,526
 Filing Date: August 22, 2003
 First Named Inventor: Kenneth COLLINS, et al.
 Group Art Unit: 1763
 Examiner Name: Maureen G. Arancibia
 Attorney Docket Number: 006915 P08

U. S. PATENT DOCUMENTS

| Examiner Initials | Document No | Publication Date | Name of Patentee or Applicant of Cited Document | Class | Subclass | Filing Date |
|-------------------|--------------------|------------------|---|-------|----------|-------------|
| | US-6,395,150 B1 | 05-28-2002 | CAN CLEEMPUT ET AL. | 204 | 192.37 | 04-01-1998 |
| | US-6,413,321 B1 | 07-02-2002 | KIM ET AL. | 118 | 725 | 12-07-2000 |
| | US 2003/0013260 A1 | 01-16-2003 | GOSSMAN ET AL. | 438 | 301 | 07-16-2001 |
| | US 2003/0085205 A1 | 05-08-2003 | LAI ET AL. | 219 | 121.43 | 04-20-2001 |
| | | | | | | |
| | | | | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Foreign Patent Document | Publication Date | Country | Name of Patentee or Applicant of Cited Document | Translation? (Yes/No/n/a) |
|-------------------|-------------------------|------------------|---------|---|---------------------------|
| | EP 1 158 071 A2 | 28.11.2001 | EUROPE | APPLIED MATERIALS, INC. | N/A |
| | JP 070455542 | 14.02.1995 | JAPAN | MATSUSHITA ELECTRIC IND CO LTD | N/A |
| | JP 2000150908 | 30.05.2000 | JAPAN | SEMICONDUCTOR ENERGY LAB CO LTD | N/A |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | |
|-------------------|--|
| | Hu, C.-K., et al., "A process for improved Al(cu) reactive ion etching", Journal of Vacuum Science and Technology", May 1, 1989, pp. 682-685, Vol. 7, No. 3, American Institute of Physics, New York, U.S. |
| | |

Examiner's Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.